

# SIMULATING THE OPERATIONAL ENVIRONMENT FOR BATTLE COMMAND AND STAFF TRAINING.

OPFOR

Challenging, realistic, representative but not predictive, sparring partner to stress Battle Command and Staff and set condition for METL task assessments.



Custer Spirit

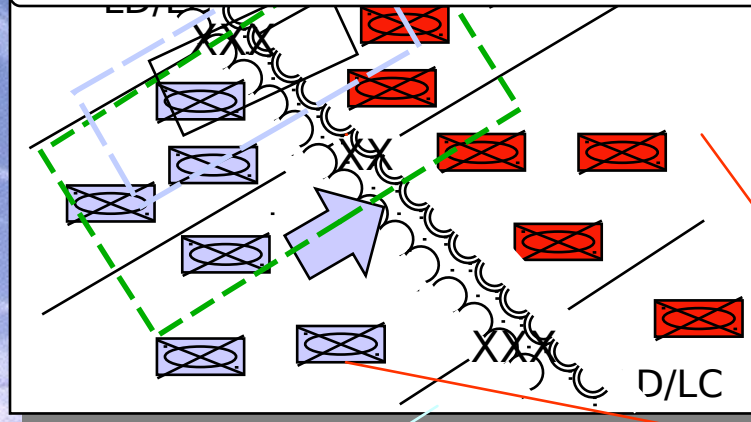
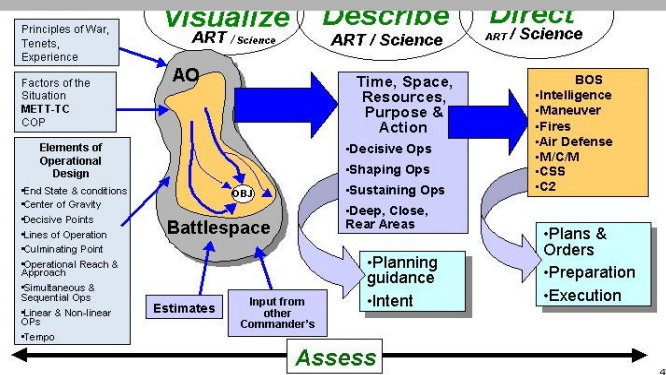
FM 2-100, 100.1, 100.2, 1  
"Asymmetric"  
2001? - ?

FM 100-61, -62, -63  
"Capabilities-based"  
1993 - 2001

"Monolithic"  
1984-1993

QUESTION  
S?

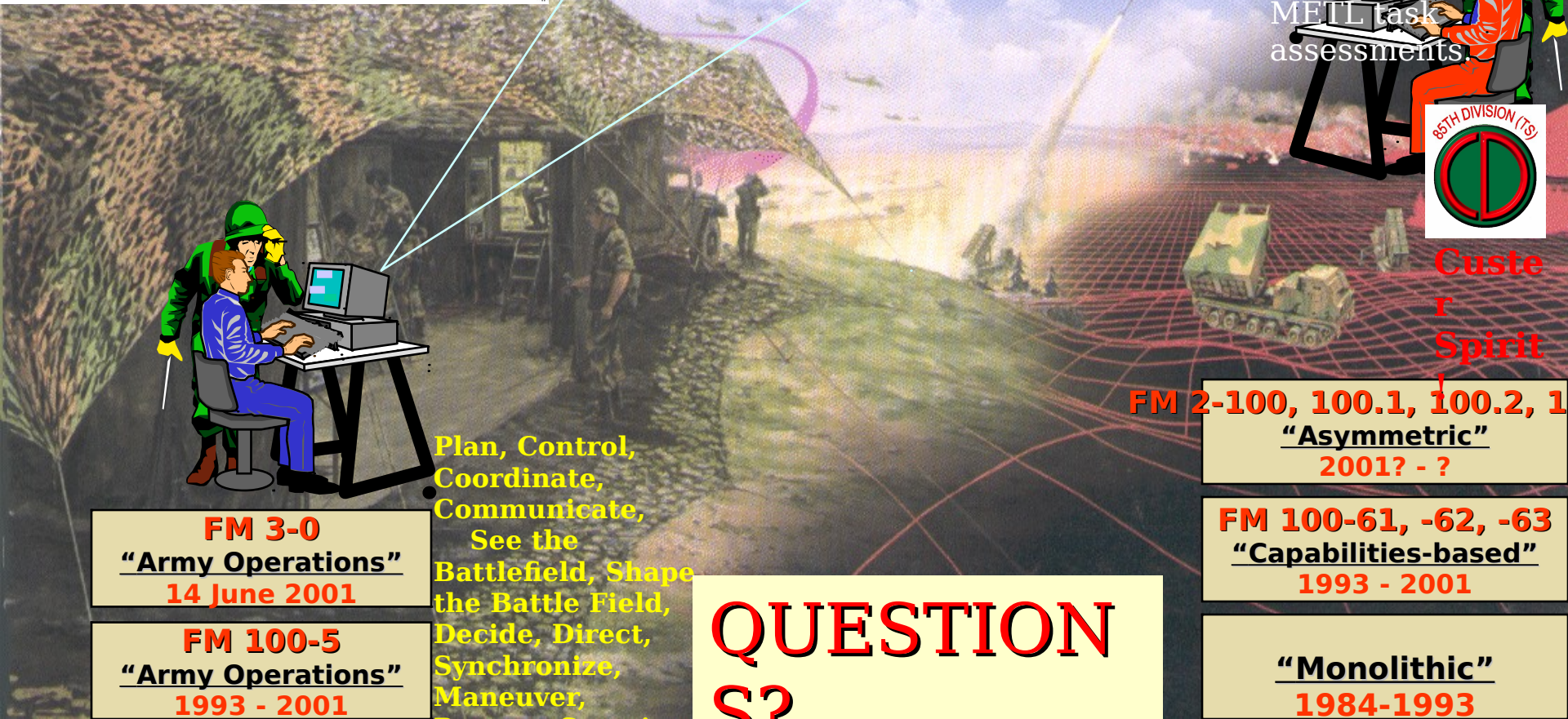
## COMMANDER AND STAFF



Plan, Control, Coordinate, Communicate, See the Battlefield, Shape the Battle Field, Decide, Direct, Synchronize, Maneuver,

FM 3-0  
"Army Operations"  
14 June 2001

FM 100-5  
"Army Operations"  
1993 - 2001





# ***TRADOC Centers/Training Support Divisions***

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## **COE Implementation Defined**

- **Doctrine is final**
- **Standard force structure completed and final**
- **Training and exercise products DEMONSTRATE understanding of COE constructs and concepts (seminars, LTP, terminology, graphics, briefings, AARs, etc.)**
- **Change OB to Force Structure**



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## **Training Required Prior to Implementation**

- **Each training center/division must identify and send the right person(s) to the COE TTT**
- **Training course on COE Exercise Design**
- **More TTTs per year.**
- **Internal MTTs using standard package provided by TRADOC DCSINT.**
- **COE Training Conference (exercise design, doctrinal instruction)**
- **Contractors, O/Cs, Lanes personnel, exercise designers, training audience need TTT.**
- **TTT include an example COE exercise OPORD**



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## **Environmental Variables**

- **Physical Environment**
  - **Urban Environment**
    - **no simulation effectively replicates**
    - **standard replication of LOS, protection, population, communications, transportation, etc.**
- **Nature/stability of the state**
  - **N/A**
- **Sociological Demographics**
  - **Noncombatant and paramilitary replication in simulations**





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## **Environmental Variables (cont.)**

- **Regional/global relationships**
  - Multinational replication currently scripted in TSDs (if this changes, TSDs would require resources to do this live /in simulation)
- **Military capabilities**
  - Standardize OPFOR force structure and parameters/work arounds for all simulation models
- **Information**
  - Exercise design must allow effects of IW



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## **Environmental Variables (cont.)**

- **Technology**
  - **Standard force structure, 'tiering'**
  - **Accurate portrayal of cell phones and other communications and collection/EW systems**
- **Supra-national organizations**
  - **Not currently a TSD issue, but would need resources**
- **National Will**
  - **Exercise design must address (purpose of tasks, etc.)**



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## **Environmental Variables (cont.)**

- **Time**
  - **Execute certain elements of the MDMP/deployment (and have them O/C'd/AAR'd) in advance.**
  - **Constrained to those COE situations that can play out in 30 hours.**
  - **Exercise design must not constrain the commander from executing 'redos'.**
  
- **Economics**
  - **N/A**



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## **HICON Transition Requirements**

- HICON personnel require COE training
- HICON personnel must have access to standard workarounds
- Augmentation and/or increased personnel to address noncombatant, paramilitary and multinational requirements





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## **FM 7-100 Series Implementation**

- Refine and describe typical purposes of tactical offensive and defensive tasks
- Doctrine for OPFOR naval and air operations
- Naval systems in WEG
- Intel models need to be accurate in terms of sensor capabilities, blue and red



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## **OPFOR**

- **Organization**

- Targets for common scenario (Bes, target folders, etc., unclass).
- Differing TO+Es for like type units (ex: differing numbers of battalions in brigades, etc).



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## **OPFOR**

- **Equipment**

- Standard parameters and workarounds
- Double check CBS parameters load with planned WEG



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## **Changes to ROE**

- Exercise director directed constraints that are not in concert with 7-100, do not provide for free play, do not permit even chance to win (CSA Guidance)



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## **Comments**

- Implementation Directive from appropriate chain of command (FORSCOM, CONUSAs, TRADOC, CINCs) with implementation dates and milestones (includes directed training and a seminar)
- Have FM's FINAL.
- Must receive **standard** force structure, software updates to simulations
- Disseminate TTP for replicating adaptive techniques in simulations
- Develop method of sharing current workarounds and parameter changes for all simulations



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**Make FM's FINAL!**



**“Only accept realistic training... if you’re not trained for combat, if you’re not trained realistically, you die. And living and dying is a quality of life issue obviously, and you owe that to your soldiers to give them first-class training.”**

**General David Grange 2002**

**“Soldiering is  
an Affair of the Heart”**

**.....**

**1st BDE (BCST) 85th DIV  
(TS) Battle Command and  
Staff Training “Realistic  
Training from the neck up”**



**Custe  
r  
Spirit**